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a new edition of a classic textbook introducing students to electricity and magnetism featuring si units and additional examples and problems

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this book presents a new view of symbiotic technology transfer between different fields in the optical sciences for example adaptive optics were initially developed for military research programs seeking to correct the effects of atmospheric

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a to z of physicists updated edition focuses not only on the lives and personalities of those profiled but also on their research and contributions to the field a fascinating and important element of this work is the attention paid to the obstacles that minority physicists had to overcome to reach their personal and professional goals through incidents quotations and

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a fascinating account of the dramatic history of a revolutionary medical breakthrough that began with the detection of magnetic resonance in molecular beams by isidor rabi

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this updated second edition of notable twentieth century scientists provides biographies of approximately 1 600 scientist in the natural physical and applied sciences including astronomy biology botany chemistry earth science mathematics medicine physics technology zoology computer science ecology engineering and environmental science entries highlight name birth death dates nationality and primary specialization run from 400 2500 words list publications and feature a section of further reading all five volumes of the set begin with a list of entries and a chronology of major advances and volume five ends with

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